

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L1 | 40 | (US-20040027369-\$ or US-20020037083-\$ or US-20020148347-\$ or US-20080115656-\$ or US-20060011045-\$ or US-20050211072-\$ or US-20070199431-\$ or US-20050217461-\$ or US-20060060067-\$).did. or (US-7031243-\$ or US-5614687-\$ or US-6175632-\$ or US-5036742-\$ or US-6316712-\$ or US-6787689-\$ or US-5918223-\$ or US-4655113-\$ or US-6812394-\$ or US-6518492-\$ or US-6343055-\$ or US-7094965-\$ or US-7102068-\$ or US-7251204-\$ or US-7276656-\$ or US-5382750-\$ or US-5521324-\$ or US-7081582-\$ or US-7220911-\$ or US-7254455-\$ or US-5453570-\$ or US-6016295-\$ or US-4694724-\$ or US-4321853-\$ or US-4649794-\$ or US-4193257-\$).did. or (US-4602551-\$).did. or (WO-2007010637-\$).did. or (JP-06051757-\$ or JP-55087982-\$ or JP-58113779-\$).did. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/12/08 16:36 |
| L5 | 2777 | 700/94.cds. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/08 16:45 |
| L6 | 330 | 84/612.cds. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/08 16:59 |
| L7 | 162 | 84/636.cds. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/08 16:59 |
| L8 | 3760 | (84/611,612,635,636,651,652,667,668,713,714 700/94).cds. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/08 16:59 |

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|----|-----|---|---|----|----|---------------------|
| S1 | 3 | ("2002207482" "2000267654" "08076777").pn. | JPO | OR | ON | 2006/12/06 16:52 |
| S2 | 3 | ("2000311251" "10319957" "2000276137").pn. | JPO | OR | ON | 2006/11/22 10:40 |
| S3 | 1 | "20060185501".pn. | US-PGPUB | OR | ON | 2006/11/22 11:51 |
| S4 | 189 | 84/612.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 13:23 |
| S5 | 29 | autocorrelation and (peak near2 (detect detection)) and tempo | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 12:04 |
| S6 | 19 | S5 and ((image adj display) video) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 12:05 |
| S7 | 19 | S6 and threshold | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 13:06 |
| S8 | 3 | S7 and (bandpass (frequency adj band\$1)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 11:58 |
| S9 | 39 | (peak near2 (detect detection)) and tempo and ((image adj display) video) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 12:04 |

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|-----|----|--|---|----|----|---------------------|
| S10 | 33 | S9 and threshold | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 12:14 |
| S11 | 27 | ((tempo and (detect detection detecting)).ti. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 12:19 |
| S12 | 2 | S11 and ((image adj display) video) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 12:15 |
| S13 | 23 | ((detect detecting) near tempo) and ((image near (display displaying)) video) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 12:20 |
| S14 | 21 | S13 not S10 not S6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 12:21 |
| S15 | 13 | (threshold with beat) and ((detect detecting detection) with tempo) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 13:07 |
| S16 | 42 | 84/652.cds. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 13:23 |
| S17 | 98 | ("4566362" "4594930" "4694724" "5036742" "5054360" "5062097" "5283819" "5437050" "5692213" "5701452" "5724605").PN. OR ("2002/0037083" "5256832" "5918223" "6175632").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/22 13:26 |

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|-----|------|--|------------------------|----|----|------------------|
| S18 | 21 | ("3623734" "3725561" "4281663" "4300225" "4301528" "4392409" "4418598" "4583443" "4602551" "4788983").PN. OR ("5036742").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/22 13:27 |
| S19 | 14 | ("4595930" "4655113" "5256832" "5478967").PN. OR ("5614687").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/22 13:27 |
| S20 | 13 | ("4655113" "4694724" "4945804" "5220120" "5227574" "5256832" "5382750" "5521324" "5585585" "5614687" "6175632" "6380474").PN. OR ("6518492").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/22 13:29 |
| S21 | 8 | ("5256832" "5614687" "6343055").PN. OR ("6787689").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/22 13:32 |
| S22 | 8 | ("20020148347" "20050120868" "5616876" "6153821" "6316712" "6545209" "6657117" "6787689").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/22 13:34 |
| S23 | 14 | (US-20020037083-\$ or US-20020148347-\$).did. or (US-6787689-\$ or US-5918223-\$ or US-6316712-\$ or US-6175632-\$ or US-5256832-\$ or US-7031243-\$ or US-6518492-\$ or US-5614687-\$ or US-5036742-\$ or US-6812394-\$ or US-4655113-\$).did. or (JP-06051757-\$).did. | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 11:50 |
| S24 | 5 | S23 and video | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 12:50 |
| S25 | 12 | S23 and threshold | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 11:54 |
| S26 | 2 | S24 and S25 and FFT | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 12:32 |
| S27 | 8 | S23 and volume | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 12:40 |
| S28 | 1690 | synchronize with (video visual) with (audio music) | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 12:51 |
| S29 | 32 | S28 and "84".clas. | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 12:52 |
| S30 | 20 | S29 and tempo | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 13:02 |
| S31 | 0 | S30 and (size same speed same pattern) | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 13:02 |
| S32 | 0 | S29 and (size same speed same pattern) | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 13:02 |
| S33 | 4 | S28 and (size same speed same pattern) | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 13:03 |

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| S34 | 1 | music and (visualization same (size same speed same (move moving movement position pattern))) | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 13:04 |
| S35 | 80 | music and (video same (size same speed same (move moving movement position pattern))) | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 13:05 |
| S36 | 7 | S35 and tempo | US-PGPUB; USPAT; JPO | OR | ON | 2006/11/27 13:13 |
| S37 | 1 | ("62" same "157" same "396" same "1" same "2.51" same "6.34" same "16") | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 13:16 |
| S38 | 126 | 84/636.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 13:58 |
| S39 | 13 | S23 and tempo | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 15:17 |
| S40 | 63 | (music and (visualization visualize)).ab. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 16:19 |
| S41 | 2 | ("6618336" "6323412").pn. | USPAT | OR | ON | 2006/12/06 16:52 |
| S42 | 16 | (threshold with beat) and ((detect detecting detection) with tempo) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:44 |
| S43 | 1857 | synchronize with (video visual) with (audio music) | US-PGPUB; USPAT; JPO | OR | ON | 2007/05/17 16:44 |
| S44 | 36 | S43 and "84".clas. | US-PGPUB; USPAT; JPO | OR | ON | 2007/05/17 16:44 |

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| S45 | 23 | S44 and tempo | US-PGPUB; USPAT; JPO | OR | ON | 2007/05/17 16:44 |
| S46 | 95 | music and (video same (size same speed same (move moving movement position pattern))) | US-PGPUB; USPAT; JPO | OR | ON | 2007/05/17 16:44 |
| S47 | 66 | (music and (visualization visualize)).ab. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 16:44 |
| S48 | 24 | (S42 S44 S45 S46 S47) and @pd>="20061218" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 17:02 |
| S49 | 4 | "6140565".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/17 17:02 |
| S50 | 1 | "6518492".pn. | USPAT | OR | ON | 2007/10/22 04:38 |
| S51 | 16 | ("4595930" "4655113" "5256832" "5478967").PN. OR ("5614687").UPPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/24 12:20 |
| S52 | 15 | ("4655113" "4694724" "4945804" "5220120" "5227574" "5256832" "5382750" "5521324" "5585585" "5614687" "6175632" "6380474").PN. OR ("6518492").UPPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/24 12:20 |
| S53 | 27 | (US-20040027369-\$ or US-20020037083-\$ or US-20020148347-\$).did. or (US-7031243-\$ or US-5614687-\$ or US-6175632-\$ or US-5256832-\$ or US-5036742-\$ or US-6316712-\$ or US-6787689-\$ or US-5918223-\$ or US-4655113-\$ or US-6812394-\$ or US-6518492-\$ or US-6343055-\$ or US-6822152-\$ or US-7094965-\$ or US-7102068-\$ or US-7251204-\$ or US-7276656-\$ or US-5227574-\$ or US-5382750-\$ or US-5521324-\$ or US-7081582-\$ or US-7220911-\$ or US-7254455-\$).did. or (JP-06051757-\$).did. | US-PGPUB; USPAT; JPO | OR | ON | 2007/10/24 14:32 |
| S54 | 7 | S53 and (bandpass lowpass highpass (band adj pass) (low adj pass) (high adj pass)) | US-PGPUB; USPAT; JPO | OR | ON | 2007/10/24 14:32 |

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|-----|-----|---|---|----|----|---------------------|
| S55 | 41 | (display with (BPM tempo) same metronome) and LED | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 12:59 |
| S56 | 828 | ("music minus one" karaoke) with (creat\$3 author\$3 produc\$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 13:02 |
| S57 | 204 | ("music minus one" karaoke) with (creating authoring producing) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 13:03 |
| S58 | 34 | ("music minus one" karaoke) with (creating authoring producing) with (method) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 13:03 |
| S59 | 2 | "2001290487".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 13:32 |
| S60 | 25 | ((SEI.JI) near2 (KASHI.OKA)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/10 13:33 |
| S61 | 114 | ((SEI.JI) near2 (KASHI.OKA)).INV. | EPO; JPO; DERWENT | OR | ON | 2008/10/10 13:33 |
| S62 | 2 | (S60 S61) and metronome | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 13:33 |
| S63 | 1 | (S60 S61) and (karaoke "music minus one") | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 13:33 |

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|-----|------|--|---|----|----|---------------------|
| S64 | 8 | "moving tempo" | US-PGPUB; USPAT; JPO | OR | ON | 2008/10/10 14:01 |
| S65 | 227 | ((karaoke ("minus one" with music)) and ((moving chang\$3 dynamic) near2 (tempo bpm))) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 14:04 |
| S66 | 68 | ((record\$3 produc\$4 author\$3 creat\$4) with (karaoke ("minus one" with music))) and ((moving chang\$3 dynamic) near2 (tempo bpm)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 14:05 |
| S67 | 1698 | ((record\$3 produc\$4 author\$3 creat\$4) with (karaoke ("minus one" with music))).ti.ab. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 14:11 |
| S68 | 32 | "click track" and "84".das. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 15:53 |
| S69 | 72 | metronome and (user with (tap tapping)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 16:54 |
| S70 | 93 | (karaoke ("minus one" with music)) and (metronome) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 17:17 |
| S71 | 32 | (karaoke ("minus one" with music)).ti.ab. and (metronome tick click) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 17:20 |

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| S72 | 312 | 84/484.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 17:30 |
| S73 | 9 | "moving tempo" | US-PGPUB; USPAT; JPO | OR | ON | 2009/05/06 15:53 |
| S74 | 4 | "4321853".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/06 15:56 |
| S75 | 380 | metronome and (accelerate decelerate vertical) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/06 15:59 |
| S76 | 69 | metronome same (accelerate decelerate vertical) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/06 15:59 |
| S77 | 45 | metronome and (accelerat\$3 decelerat\$3 intensity bright\$4) same LED | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/06 16:04 |
| S78 | 2 | "US 20080034948" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/05/06 22:47 |
| S79 | 6 | ((REN) near2 (SUMITA)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/06 22:48 |
| S80 | 3 | ((REN) near2 (SUMITA)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/05/06 22:48 |

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| S81 | 50 | ("20080034948" "5220120" "5585584" "6175632" "5629491" "5227574" "6518492" "20020148347" "5256832" "20080115656" "4945804" "5254803" "7080016" "20030065517" "5529498" "5743744" "20070199431" "20090019994" "7339105" "20070163426" "5382750" "20080097633" "20040069123" "6750390" "20030004701" "7177672" "20040143193" "4242936" "20060253210" "4380185" "5641928" "6066025" "7381882" "20080141850" "5614687" "5808219" "7026536" "7132595" "7183479" "7276656" "20050211072" "20050217461" "20060048634" "20060060067" "5447089" "6365814" "5654517" "4442752" "4566362" "4571680").pn. | US-PGPUB; USPAT | OR | ON | 2009/05/07 16:50 |
| S82 | 6 | ((REIN) near2 (SUMITA)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/07 16:51 |
| S83 | 3 | ((REIN) near2 (SUMITA)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/05/07 16:51 |
| S84 | 1 | (S82 S83) and temp | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 16:51 |
| S85 | 7 | (S82 S83) and tempo | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 16:51 |
| S86 | 1 | (S82 S83) and tempo and (tap tapping) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 16:55 |
| S87 | 8 | ("20030026436" "20080034948" "20080188967" "20080190271" "20080190272" "20080210082" "20080282872" "7181021").PN. | US-PGPUB; USPAT | OR | ON | 2009/05/07 17:01 |
| S88 | 25 | S81 and (tap tapping) | US-PGPUB; USPAT | OR | ON | 2009/05/07 19:11 |
| S89 | 9 | S81 and (tap tapping) and (fft fourier) | US-PGPUB; USPAT | OR | ON | 2009/05/07 19:13 |

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| S90 | 2766 | (84/611,612,635,636,651,652,667,668,713,714 700/94).cds. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 19:22 |
| S91 | 28 | S90 and (tap tapping) and (fft fourier) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 19:22 |
| S92 | 13 | S90 and (tempo rhythm cadence) and (tap tapping) and (fft fourier) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 19:24 |
| S93 | 2766 | (84/611,612,635,636,651,652,667,668,713,714 700/94).cds. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 20:01 |
| S94 | 102 | S93 and (rhythm cadence tempo) and (tap tapping) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 20:01 |
| S95 | 8 | S93 and (rhythm cadence tempo) and ((tap tapping) same (average)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 20:08 |
| S96 | 2 | "US 20080034948" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/05/07 20:20 |
| S97 | 1 | S96 and meter | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/05/07 20:20 |

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| S98 | 19 | S93 and (rhythm cadence tempo) and (tap tapping) and meter | US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 20:29 |
| S99 | 50 | ("20080034948" "5220120" "5585584" "6175632" "5629491" "5227574" "6518492" "20020148347" "5256832" "20080115656" "4945804" "5254803" "7080016" "20030065517" "5529498" "5743744" "20070199431" "20090019994" "7339105" "20070163426" "5382750" "20080097633" "20040069123" "6750390" "20030004701" "7177672" "20040143193" "4242936" "20060253210" "4380185" "5641928" "6066025" "7381882" "20080141850" "5614687" "5808219" "7026536" "7132595" "7183479" "7276656" "20050211072" "20050217461" "20060048634" "20060060067" "5447089" "6365814" "5654517" "4442752" "4566362" "4571680").pn. | US-PGRUB; USPAT | OR | ON | 2009/05/07 20:33 |
| S100 | 18 | S99 and meter | US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 20:33 |
| S101 | 40 | (US-20040027369-\$ or US-20020037083-\$ or US-20020148347-\$ or US- 20080115656-\$ or US-20060011045-\$ or US-20050211072-\$ or US- 20070199431-\$ or US-20050217461-\$ or US-20060060067-\$).did. or (US-7031243-\$ or US-5614687-\$ or US-6175632-\$ or US-5256832-\$ or US-5036742-\$ or US-6316712-\$ or US-6787689-\$ or US-5918223-\$ or US-4655113-\$ or US-6812394-\$ or US-6518492-\$ or US-6343055-\$ or US-6822152-\$ or US-7094965-\$ or US-7102068-\$ or US-7251204-\$ or US-7276656-\$ or US-5227574-\$ or US-5382750-\$ or US-5521324-\$ or US-7081582-\$ or US-7220911-\$ or US-7254455-\$ or US-5453570-\$ or US-6016295-\$ or US-4694724-\$).did. or (US-4321853-\$ or US-4649794-\$).did. or (WO-2007010637-\$).did. or (JP-06051757-\$ or JP-55087982-\$).did. | US-PGRUB; USPAT; EPO; JPO | OR | ON | 2009/05/07 20:39 |
| S102 | 17 | S101 and (tap tapping) | US-PGRUB; USPAT; EPO; JPO | OR | ON | 2009/05/07 20:39 |
| S103 | 3 | S93 and (tempo rhythm cadence) and (tap tapping) and (meter with (user input)) | US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/07 20:55 |

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|------|-----|--|---------------------------------|----|----|---------------------|
| St04 | 277 | (meter near4 input).clm. | US-PGPUB | OR | ON | 2009/05/07 20:57 |
| St05 | 1 | ((tempo rhythm cadence) and (tap tapping) and (meter near4 input)).clm. | US-PGPUB | OR | ON | 2009/05/07 20:58 |
| St06 | 4 | ((tap tapping) and (meter near4 input)).clm. | US-PGPUB | OR | ON | 2009/05/07 20:58 |
| St07 | 1 | (10/120069).APP. | USPAT; USOCR | OR | ON | 2009/05/07 21:04 |
| St08 | 12 | ("4655113" "4694724" "4945804" "5220120" "5227574" "5256832" "5382750" "5521324" "5585585" "5614687" "6175632" "6380474").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/10 23:37 |
| St09 | 5 | St08 and (peak threshold) same (tempo bpm) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/10 23:38 |
| St10 | 76 | (peak with interval with maximum) and (bpm tempo) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/10 23:46 |
| St11 | 9 | (peak with interval with maximum same (bpm tempo)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/10 23:46 |
| St12 | 40 | (US-20040027369-\$ or US-20020037083-\$ or US-20020148347-\$ or US-20080115656-\$ or US-20060011045-\$ or US-20050211072-\$ or US-20070199431-\$ or US-20050217461-\$ or US-20060060067-\$).did. or (US-7031243-\$ or US-5614687-\$ or US-6175632-\$ or US-5256832-\$ or US-5036742-\$ or US-6316712-\$ or US-6787689-\$ or US-5918223-\$ or US-4655113-\$ or US-6812394-\$ or US-6518492-\$ or US-6343055-\$ or US-6822152-\$ or US-7094965-\$ or US-7102068-\$ or US-7251204-\$ or US-7276656-\$ or US-5227574-\$ or US-5382750-\$ or US-5521324-\$ or US-7081582-\$ or US-7220911-\$ or US-7254455-\$ or US-5453570-\$ or US-6016295-\$ or US-4694724-\$).did. or (US-4321853-\$ or US-4649794-\$).did. or (WO-2007010637-\$).did. or (JP-06051757-\$ or JP-55087982-\$).did. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/22 18:38 |
| St13 | 24 | St12 and (tempo with (chang\$3 moving)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/22 18:38 |
| St14 | 10 | St12 and (tempo with (chang\$3 moving)) and metronome | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/22 18:39 |
| St15 | 44 | (tempo with (chang\$3 moving) with metronome) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/10/22 18:44 |

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|------|------|---|---|----|----|---------------------|
| S116 | 23 | ((tempo near2 (chang\$3 moving)) with metronome) | US-PGRUB; USPAT; EPO; JPO | OR | ON | 2009/10/22 18:45 |
| S117 | 23 | ((tempo near2 (chang\$3 moving)) with metronome) | US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 18:45 |
| S118 | 1220 | 84/484,611,612,635,636,651,667,668,713,714,852.ccls. | US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 19:04 |
| S119 | 16 | S118 and ((tempo near2 (chang\$3 moving)) with metronome) | US-PGRUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 19:05 |
| S120 | 40 | (US-20040027369-\$ or US-20020037083-\$ or US-20020148347-\$ or US-20080115656-\$ or US-20060011045-\$ or US-20050211072-\$ or US-20070199431-\$ or US-20050217461-\$ or US-20060060067-\$).did. or (US-7031243-\$ or US-5614687-\$ or US-6175632-\$ or US-5036742-\$ or US-6316712-\$ or US-6787689-\$ or US-5918223-\$ or US-4655113-\$ or US-6812394-\$ or US-6518492-\$ or US-6343055-\$ or US-7094965-\$ or US-7102068-\$ or US-7251204-\$ or US-7276656-\$ or US-5382750-\$ or US-5521324-\$ or US-7081582-\$ or US-7220911-\$ or US-7254455-\$ or US-5453570-\$ or US-6016295-\$ or US-4694724-\$ or US-4321853-\$ or US-4649794-\$ or US-4193257-\$).did. or (US-4602551-\$).did. or (WO-2007010637-\$).did. or (JP-06051757-\$ or JP-55087982-\$ or JP-58113779-\$).did. | US-PGRUB; USPAT; EPO; JPO | OR | ON | 2009/10/22 19:28 |
| S121 | 14 | S120 and (tap tapping) | US-PGRUB; USPAT; EPO; JPO | OR | ON | 2009/10/22 19:28 |
| S122 | 7 | S120 and (tap tapping) and (tempo near2 (chang\$3 moving)) | US-PGRUB; USPAT; EPO; JPO | OR | ON | 2009/10/22 19:31 |

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|------|-----|---|---|----|----|---------------------|
| SI27 | 5 | "84".clas. and (tempo bpm) and (graphic) and flower | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/09 09:54 |
| SI28 | 54 | millikin.xa. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/09 09:55 |
| SI29 | 672 | "84".clas. and (tempo bpm) and (graphic graphical) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/09 09:59 |
| SI30 | 128 | "84".clas. and (tempo bpm) same (graphic graphical) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/09 09:59 |
| SI31 | 1 | "6140565".pn. | USPAT | OR | ON | 2010/03/09 10:09 |
| SI32 | 2 | "US 20080072743" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2010/08/16 13:58 |
| SI33 | 2 | "US 20070199431" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2010/12/07 19:37 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------------|------------------|---------|------------------|
| L2 | 3 | "Term Removed" | USPAT | OR | ON | 2010/12/08 16:36 |
| L4 | 0 | (tempo and volume and threshold and exceed and reduc\$4).clm. | USPAT; UPAD | OR | ON | 2010/12/08 16:39 |

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|------|----|---|-------------|----|----|------------------|
| SI23 | 2 | metronome with tempo with (chang\$3 moving) with (measur\$3 analy\$4 detect\$3) | USPAT; UPAD | OR | ON | 2009/10/22 19:09 |
| SI24 | 0 | (metronome with tempo with (chang\$3 moving) with (measur\$3 analy\$4 detect\$3)).clm. | USPAT; UPAD | OR | ON | 2009/10/22 19:10 |
| SI25 | 20 | (tempo with (chang\$3 moving) with (measur\$3 analy\$4 detect\$3)). clm. | USPAT; UPAD | OR | ON | 2009/10/22 19:11 |
| SI26 | 3 | "Term Removed" | USPAT | OR | ON | 2009/10/22 19:28 |

12/8/2010 5:00:17 PM

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